IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re	the App	lication of:	Group Art Unit: 1771
	ABRA	MS, Louis Brown)	Confirmation No.: 5901
Serial	No.: 10	0/614,399)	Examiner: JUSKA, CHERYL ANN
		2003) : 4811-18) CKED ARTICLES AND)	SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Electronically Submitted
	METH	IODS OF MAKING SAME")	
Comm P.O. B	issione ox 1450	endment r for Patents) A 22313-1450	
Dear S	ir:		
	The re	ferences cited on attached Form	PTO-SB08 are being called to the attention of the
Exami	ner.		
	\boxtimes	Copies of the cited non-patent a	and/or foreign references are enclosed herewith.
		Copies of the cited U.S. patents	and/or patent applications are enclosed herewith.
	⊠	Copies of the cited U.S. patents	patent application publications are not enclosed in
accord	ance wi	th 37 C.F.R. § 1.98(a).	
		Copies of the cited references	are not enclosed, in accordance with 37 C.F.R.
§ 1.98(d), beca	use the references were cited by o	or submitted to the U.S. Patent and Trademark Office
in prio	r applic	ation Serial No fil	led, which is relied upon for an
earlier	filing d	ate under 35 U.S.C. § 120.	
	\boxtimes	To the best of applicants' belief,	the pertinence of the foreign-language references are

believed to be summarized in the attached English abstracts and in the figures, although applicants

do not necessarily vouch for the accuracy of the translation.

Examiner's attention is drawn to the following co-pending applications:
Other:

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

FEES

	37 CFR 1.97(b): No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfies one of the following conditions ("X" indicates satisfaction):				
	Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or				
	Within three months of the date of entry into the national stage of an international application as set forth in 37 CFR 1.491 or				
	☐ Before the mailing date of a first Office Action on the merits, or				
	☐ Before the mailing of a first Office action after the filling of a request for continued examination under 37 CFR 1.114.				
	Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.				
⊠	37 CFR 1.97(c): The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of one of the following conditions: (2) a final action under 37 C.F.R. 1.11 or (2) a notice of allowance under 37 C.F.R. 1.13 to, or (3) an action that otherwise closes prosecution in the application. This information Disclosure Statement is accompanied.				
	☐ A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970. OR				
	□ Please charge Deposit Account 19-1970 in the amount of \$180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account 19-1970.				
	37 CFR 1.97(d): This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97 This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97 AND				
	☐ Applicants hereby requests consideration of the reference(s) disclosed herein. Please charge Deposit Account 19-1970 in the amount of \$180.00 under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Deposit Account 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.				

Certification (37 C.F.R. 1.97(e)) (Applicable only if checked)

	☐ The undersigned certifies that:
	☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).
i	☐ A copy of the communication from the foreign patent office is enclosed.
	OR
	□ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.97(e)(2). 1.56(e) more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).
	Respectfully submitted,
	SHERIDAN ROSS P.C.
	By: Joursa Swart
1	Douglas W. Swartz Registration No. 37,739 1560 Broadway, Suite 1200 Denver, Colorado 80202-5141 (303) 863-9700
	(303) 003-5700

Sub	stitute for form	1449A/PTO		Complete if Known		
				Application Number	10/614,399	
			LOSURE	Filing Date	07-03-2003	
ST	ATEME	NT BY AP	PLICANT	First Named Inventor	Abrams	
				Art Unit	1771	
				Examiner Name	JUSKA, CHERYL ANN	
Sheet	1	of	3	Attorney Docket Number	4811-18	

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-kind Code 2 (ff known)	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2,592,602	04/15/52	Saks	
	2	2,999,763	09/12/61	Sommer	
	3	3,215,584	11/02/65	McConnell et al.	
	4	3,314,845	04/18/67	Perri	
	5	3,377,232	04/09/68	Mencock et al.	
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	9	3,772,132	11/13/73	Dulin, Jr.	
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	15	4,430,372	02/07/84	Knoke et al.	
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	17	5,077,116	12/31/91	Lefkowitz	
	18	6,436,506	08/20/02	Pinter et al.	,
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	20	2007/0003761	01/04/07	Miyazono et al.	

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*		Foreign Patent Document Country Code ³ ; Number ⁴ ; Kind Code ³ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T [®]
	21	AT E 93 557	08/24/88	HIGH VOLTAGE GRAPHICS INC		(believed to correspond to US 4810549 previously disclosed)
	22	AU 606651	02/14/91	ABRAMS		

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				Art Unit	1771	
				Examiner Name	JUSKA, CHERYL ANN	
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23	AU 653994	10/20/94	ABRAMS	
24	CA 1306411	08/18/92	ABRAMS	
25	CA 2010076	08/14/90	ABRAMS	
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27	DE 3883517	05/05/94	ABRAMS	(believed to correspond to WO8901829 previously disclosed)
28	BEP 0122656	10/24/84	DENOJEAN	
25	EP 0506601	09/30/92	Abrams	
30	EP 0913271	10/14/98	Lion	
3*	FR 2543984	10/12/84	Denojean	(Abst)
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33	GB 1171296	11/19/69	T F FIRTH & SONS LTD	
34	GB 2214869	09/13/89	ABRAMS	
35	JP 56107080	08/25/81	TORAY INDUSTRIES	
36	JP 55079143	06/14/80	TORAY INDUSTRIES	

Examiner	Date	
Signature	Considered	

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INI	CODMA.	TION DIO	N COURT	Application Number	10/614,399	
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51	AIEME	NT BY AP	PLICANT	First Named Inventor	Abrams	
				Art Unit	1771	
				Examiner Name	JUSKA, CHERYL ANN	
Sheet	3	of	3	Attorney Docket Number	4811-18	

	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)					
Examiner Initials*	Cite No.1					
	37	"Bicomponent Fibers", available at http://web.utk.edu/~mse/pages/Textilles/Bicomponent%20fibers.htm, Updated April, 2004, 8 pages				

Examiner Signature	Date Cons	idered
APPLACE		